

Weekly Metrics for March 5 - 11, 2006

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
Aura (7/04)	HIRDLS	L0 Ingest	GES DAAC	6	1x Baseline	5	
		L1 Prod	SIPS	5	1x Baseline	0	F
		Archive	GES DAAC	11	1x Baseline	5	S
		Distribution	GES DAAC				
		<i>Production</i>				5	
		<i>End Users</i>		6	1x Baseline	11	G, N
	MLS	L0 Ingest	GES DAAC	8	1x Baseline	7	
		L1 Prod	SIPS	26	1x Baseline	25	F
		L2-3 Prod	SIPS	1	1x Baseline	6	F
		Archive	GES DAAC	35	1X Baseline	39	
		Distribution	GES DAAC				
		<i>Production</i>				8	
		<i>End Users</i>		27	1x Baseline	22	G, N
	OMI	L0 Ingest	GES DAAC	57	1x Baseline	76	
		L1 Prod	SIPS	152	1x Baseline	37	F
		L2-3 Prod	SIPS	209	1x Baseline	23	F
		Archive	GES DAAC	478	1x Baseline	136	
		Distribution	GES DAAC				
		<i>Production</i>				109	
		<i>End Users</i>		630	1x Baseline	41	G, N
	TES	L0 Ingest	ASDC	231	1x Baseline	52	
		L1 Prod	SIPS	210	1x Baseline	58	
		L2-3 Prod	SIPS	4	1x Baseline	15	
		Archive	ASDC	245	1x Baseline	126	
		Distribution	ASDC				
		<i>Testing/QA</i>		32		52	
		<i>Production</i>				0	
		<i>End Users</i>		214	1x Baseline	51	G, N
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.9	
		Archive	GES DAAC	0.9	1x Baseline	0.9	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	35	H
		L1 Prod	SIPS	115	1x Baseline	282	H
		L2-3 Prod	SIPS	43	1x Baseline	19	H
		Archive	NSIDC	199		337	H
		Distribution	NSIDC				
		<i>End Users</i>		161	Various	13	G, N
		<i>Data Pool</i>				46	R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	93	
		L1 Prod	GES DAAC	1,211	Various	602	A, M
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	616	A
		Archive	GES DAAC	1,522	Various	1,311	A
		Distribution	GES DAAC				
		<i>Testing/QA</i>		99		724	
		<i>Production</i>				800	
		<i>End users</i>		471	Various	11	G, N
		<i>Data Pool</i>				1,106	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	28	Various	35	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	24	C
		Archive	NSIDC	114	Baseline	65	C
		Distribution	NSIDC				
		<i>Production</i>				6	

		<i>End Users Data Pool</i>		35	1.015x Baseline	706 32	G, N R	
	CERES	Archive Distribution <i>Testing/QA End Users</i>	ASDC ASDC	496 1,421 109	Various IT Requirements 1.015x Baseline	TBD TBD TBD	See Footnote Q	
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA End User Data Pool</i> Distribution <i>Testing/QA Production End Users Data Pool</i> Distribution <i>End User Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC GES DAAC NSIDC	518 7,569 12,789 7,034 12,989 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various Various IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	516 2,040 2,690 2,224 2,924 99 0 0 14 107 2,063 325 1,877 1 0.1	M L, M, P M L, M, P M, P V G, N, V R, V G, N R G, N R	
	METEOR 3M (12/01)	SAGE III Archive Distribution <i>Production End Users</i>	ASDC ASDC	0.9 0.02	Various 1.015x Baseline	23 0 0.3	D G, N	
	ACRIMSAT (12/99)	ACRIM 3 Archive	ASDC	1	1x Baseline	0	D	
	Terra (12/99)	ASTER	L1A Ingest L1B Ingest L1B Archive L2-L3 Prod Archive Distribution <i>Production End Users Data Pool</i>	LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC	680 271 271 1,221 2,173 1,221	1x Baseline 1.015x Baseline 1.015x Baseline 3.045x Baseline Various 1.015x Baseline	349 79 81 1,338 1,771 311 804 310	E E E E E V G, N, V R, V
		CERES	Archive Distribution <i>Testing/QA End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline	TBD TBD TBD	See Footnote Q
		MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA Production End Users Data Pool</i>	ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	253 1,472 76 1,801 361 66 3,746 39	M M M G, N R
		MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC	518 7,570 12,789 7,034 12,990 853	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3)	494 6,361 3,508 2,232 8,020 111	M L, M, P M, P L, P M, P

		<i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> <i>Distribution</i>	GES DAAC	23 2,345	IT Requirements 1.015x Baseline	0 8 406	V G, N, V R, V
		<i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i> <i>Distribution</i> <i>End Users</i> <i>Data Pool</i>	NSIDC	362 4,157 284	IT Requirements 1.015x Baseline 1.015x Baseline	330 3,390 2,089 1,476 54 0.1	G, N R G, N R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	I
		L2 Prod	SIPS	2	3.045x Baseline	0	I
		Archive	ASDC	6	Various	2	I
		<i>Distribution</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC			2	
				1	1.015x Baseline	9	G, N
						38	R
TRMM (8/97)	PR	L0 Ingest	GES DAAC	See Footnote U	N/A	0	
		L1 Prod	TSDIS		N/A	14	S
		L2 - 4 Prod	TSDIS		N/A	4	S
		Archive	GES DAAC		N/A	21	
	TMI	L0 Ingest	GES DAAC	See Footnote U	N/A	0	
		L1 Prod	TSDIS		N/A	3	S
		L2 - 4 Prod	TSDIS		N/A	1	S
		Archive	GES DAAC		N/A	4	
	VIRS	L0 Ingest	GES DAAC	See Footnote U	N/A	0	
		L1 Prod	TSDIS		N/A	14	S
		L2 - 4 Prod	TSDIS		N/A	3	S
		Archive	GES DAAC		N/A	21	
ADEOS-II (12/02)	SeaWinds AMSR	Archive (L0+) Distribution	PO DAAC PO DAAC			0 16	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	2 38	J
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	0 455	J
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 20	J
Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	0.2 664	K

Notes:

- No significant reprocessing was done, since major reprocessing was completed on June 20, 2004.
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
- Includes forward processing of current data (February 28 – March 6, 2006).
- Data from this instrument is not transmitted to DAAC daily.
- Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and 10tonfrogs!the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- Volume reported here represents what has been archived at DAAC. SIPS production volume could be different.
- Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.

- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing was done.
- N. Does not include the distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production volume could be different.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- S. Duplicate data are also archived at GSFC V0 DAAC.
- T. TES instrument activities were suspended from 9/14/05 to 9/30/05. No Level-0 data was obtained during that period.
- U. Storage requirements for TRMM instruments are not available.
- V. Represents the distribution metrics captured in EDGRS database. Actual distribution by LP DAAC could be higher.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.